

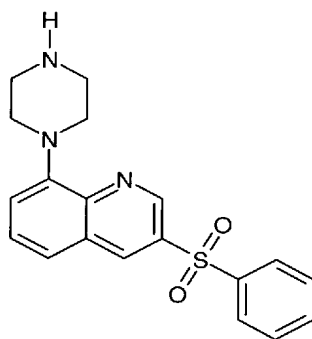
Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1- 30 (Cancelled).

31. (Currently amended): A compound ~~of formula (I)~~ having the formula:



[[⊕]]

or a pharmaceutically acceptable salt thereof.

32. (Previously presented): A compound which is 3-phenylsulfonyl-8-piperazin-1-yl-quinoline.

33. (Currently amended): A method of treating ~~Alzheimer's disease~~ a cognitive memory disorder which comprises administering a therapeutically effective amount of the compound according to claim 31 to a patient in need thereof.

34. (Currently amended): A method of treating ~~Alzheimer's disease~~ a cognitive memory disorder which comprises administering a therapeutically effective amount of the compound according to claim 32 to a patient in need thereof.

35. (Currently amended): A crystalline form of the compound ~~of formula (I)~~ according to claim 32, wherein said crystalline form provides an X-ray powder diffraction pattern substantially in accordance with Figure 6.

36. (Currently amended): A crystalline form of the compound ~~of formula (I)~~ according to claim 32, wherein said crystalline form provides a Raman spectrum substantially in accordance with Figure 5.

37. (Currently amended): A crystalline form of the compound ~~of formula (I)~~ according to claim 32, wherein said crystalline form provides an infra red spectrum substantially in accordance with Figure 4.

38. (New): A method according to claim 33, wherein the cognitive memory disorder is selected from Alzheimers disease, age related cognitive decline, mild cognitive impairment, and cognitive deficits in schizophrenia.

39. (New): A method according to claim 34, wherein the cognitive memory disorder is selected from Alzheimers disease, age related cognitive decline, mild cognitive impairment, and cognitive deficits in schizophrenia.

40. (New): A method of treating a cognitive memory disorder, wherein said disorder is Alzheimers disease, which comprises administering a therapeutically effective amount of the compound according to claim 31 to a patient in need thereof.

41. (New): A method of treating a cognitive memory disorder, wherein said disorder is Alzheimers disease, which comprises administering a therapeutically effective amount of the compound according to claim 32 to a patient in need thereof.

42. (New): A pharmaceutical composition comprising the compound according to claim 31 and a pharmaceutically acceptable carrier or excipient.

43. (New): A pharmaceutical composition comprising the compound according to claim 32 and a pharmaceutically acceptable carrier or excipient.